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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/986,240

DATE: 11/26/2001
TIME: 15:26:55

Input Set : A:\es.TXT
Output Set: N:\CRF3\11212001\I986240.raw

ENTERED

4 <110> APPLICANT: Weigelt, Johan
5 Wikström, Mats
7 <120> TITLE OF INVENTION: NEW NUCLEAR MAGNETIC RESONANCE SCREENING
8 METHOD
10 <130> FILE REFERENCE: 13425-047001
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/986,240
C--> 12 <141> CURRENT FILING DATE: 2001-10-19
12 <150> PRIOR APPLICATION NUMBER: 60/243,626
13 <151> PRIOR FILING DATE: 2000-10-26
15 <150> PRIOR APPLICATION NUMBER: SE 0003811-7
16 <151> PRIOR FILING DATE: 2000-10-20
18 <160> NUMBER OF SEQ ID NOS: 7
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 435
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
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29 1 5 10 15
30 Ala Ala Ile Tyr Gln Asp Ile Arg His Glu Ala Ser Asp Phe Pro Cys
31 20 25 30
32 Arg Val Ala Lys Leu Pro Lys Asn Lys Asn Arg Asn Arg Tyr Arg Asp
33 35 40 45
34 Val Ser Pro Phe Asp His Ser Arg Ile Lys Leu His Gln Glu Asp Asn
35 50 55 60
36 Asp Tyr Ile Asn Ala Ser Leu Ile Lys Met Glu Glu Ala Gln Arg Ser
37 65 70 75 80
38 Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Gly His Phe Trp
39 85 90 95
40 Glu Met Val Trp Glu Gln Lys Ser Arg Gly Val Val Met Leu Asn Arg
41 100 105 110
42 Val Met Glu Lys Gly Ser Leu Lys Cys Ala Gln Tyr Trp Pro Gln Lys
43 115 120 125
44 Glu Glu Lys Glu Met Ile Phe Glu Asp Thr Asn Leu Lys Leu Thr Leu
45 130 135 140
46 Ile Ser Glu Asp Ile Lys Ser Tyr Tyr Thr Val Arg Gln Leu Glu Leu
47 145 150 155 160
48 Glu Asn Leu Thr Thr Gln Glu Thr Arg Glu Ile Leu His Phe His Tyr
49 165 170 175
50 Thr Thr Trp Pro Asp Phe Gly Val Pro Glu Ser Pro Ala Ser Phe Leu
51 180 185 190
52 Asn Phe Leu Phe Lys Val Arg Glu Ser Gly Ser Leu Ser Pro Glu His
53 195 200 205
54 Gly Pro Val Val Val His Cys Ser Ala Gly Ile Gly Arg Ser Gly Thr
55 210 215 220
56 Phe Cys Leu Ala Asp Thr Cys Leu Leu Leu Met Asp Lys Arg Lys Asp

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57	225	230	235	240
58	Pro Ser Ser Val Asp Ile Lys Lys Val Leu Leu Glu Met Arg Lys Phe			
59	245	250	255	
60	Arg Met Gly Leu Ile Gln Thr Ala Asp Gln Leu Arg Phe Ser Tyr Leu			
61	260	265	270	
62	Ala Val Ile Glu Gly Ala Lys Phe Ile Met Gly Asp Ser Ser Val Gln			
63	275	280	285	
64	Asp Gln Trp Lys Glu Leu Ser His Glu Asp Leu Glu Pro Pro Pro Glu			
65	290	295	300	
66	His Ile Pro Pro Pro Arg Pro Pro Lys Arg Ile Leu Glu Pro His			
67	305	310	315	320
68	Asn Gly Lys Cys Arg Glu Phe Phe Pro Asn His Gln Trp Val Lys Glu			
69	325	330	335	
70	Glu Thr Gln Glu Asp Lys Asp Cys Pro Ile Lys Glu Glu Lys Gly Ser			
71	340	345	350	
72	Pro Leu Asn Ala Ala Pro Tyr Gly Ile Glu Ser Met Ser Gln Asp Thr			
73	355	360	365	
74	Glu Val Arg Ser Arg Val Val Gly Gly Ser Leu Arg Gly Ala Gln Ala			
75	370	375	380	
76	Ala Ser Pro Ala Lys Gly Glu Pro Ser Leu Pro Glu Lys Asp Glu Asp			
77	385	390	395	400
78	His Ala Leu Ser Tyr Trp Lys Pro Phe Leu Val Asn Met Cys Val Ala			
79	405	410	415	
80	Thr Val Leu Thr Ala Gly Ala Tyr Leu Cys Tyr Arg Phe Leu Phe Asn			
81	420	425	430	
82	Ser Asn Thr			
83	435			
85	<210> SEQ ID NO: 2			
86	<211> LENGTH: 132			
87	<212> TYPE: PRT			
88	<213> ORGANISM: Homo sapiens			
90	<400> SEQUENCE: 2			
91	Val Asp Ala Phe Leu Gly Thr Trp Lys Leu Val Asp Ser Lys Asn Phe			
92	1	5	10	15
93	Asp Asp Tyr Met Lys Ser Leu Gly Val Gly Phe Ala Thr Arg Gln Val			
94	20	25	30	
95	Ala Ser Met Thr Lys Pro Thr Thr Ile Ile Glu Lys Asn Gly Asp Ile			
96	35	40	45	
97	Leu Thr Leu Lys Thr His Ser Thr Phe Lys Asn Thr Glu Ile Ser Phe			
98	50	55	60	
99	Lys Leu Gly Val Glu Phe Asp Glu Thr Thr Ala Asp Asp Arg Lys Val			
100	65	70	75	80
101	Lys Ser Ile Val Thr Leu Asp Gly Gly Lys Leu Val His Leu Gln Lys			
102	85	90	95	
103	Trp Asp Gly Gln Glu Thr Thr Leu Val Arg Glu Leu Ile Asp Gly Lys			
104	100	105	110	
105	Leu Ile Leu Thr Leu Thr His Gly Thr Ala Val Cys Thr Arg Thr Tyr			
106	115	120	125	
107	Glu Lys Glu Ala			

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108 130
110 <210> SEQ ID NO: 3
111 <211> LENGTH: 35
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Exemplary target sequence
118 <400> SEQUENCE: 3
119 Ala Gln Ser Tyr Ile Glu Lys Ile Ser Gln Ala Met Glu Ser Ala Ile
120 1 5 10 15
121 Glu Lys Arg Leu Thr Leu Ala Gln Ile Met Glu Trp Ile Arg Arg Asn
122 20 25 30
123 Ile Met Gly
124 35
126 <210> SEQ ID NO: 4
127 <211> LENGTH: 35
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Exemplary target sequence
134 <400> SEQUENCE: 4
135 Asn Gln Ser Tyr Ile Glu Leu Ile Ser Gln Ala Met Glu Ser Ala Pro
136 1 5 10 15
137 Glu Lys Arg Leu Thr Leu Ala Gln Ile His Glu Trp Ile Arg Arg Asn
138 20 25 30
139 Ala Trp Gly
140 35
142 <210> SEQ ID NO: 5
143 <211> LENGTH: 35
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Exemplary protein sequence
150 <400> SEQUENCE: 5
151 Pro Tyr Ser Tyr Ile Ser Leu Ile Thr Met Ala Met Gln Gln Ala Pro
152 1 5 10 15
153 Glu Lys Met Leu Thr Leu Ala Gln Ile His Glu Trp Ile Leu Thr His
154 20 25 30
155 Ala Lys Pro
156 35
158 <210> SEQ ID NO: 6
159 <211> LENGTH: 35
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Exemplary protein sequence
166 <400> SEQUENCE: 6
167 Pro Tyr Ser Tyr Ile Ala Leu Ile Thr Met Ala Met Leu Gln Ser Pro
168 1 5 10 15

RAW SEQUENCE LISTING

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Input Set : A:\es.TXT

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169 Glu Lys Lys Leu Thr Leu Ala Gln Ile His Glu Phe Ile Leu Val Asn
170 20 25 30
171 Ala Lys Pro
172 35
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 35
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Exemplary protein sequence
182 <400> SEQUENCE: 7
183 Pro Tyr Ser Tyr Ile Glu Leu Ile Thr Met Ala Met Gln Asn Ala Pro
184 1 5 10 15
185 Glu Lys Lys Ile Thr Leu Ala Gln Ile His Gln Phe Ile Leu Val Gln
186 20 25 30
187 Ala Lys Pro
188 35

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/986,240

DATE: 11/26/2001
TIME: 15:26:56

Input Set : A:\es.TXT
Output Set: N:\CRF3\11212001\I986240.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date